

1 / 4

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
	DRAFTSMAN	

GTTCTGAGCACAGGGCTGGAGAGAAAACCTCTGCGAGGAAAAGGGAAAGGAGCAAGCCGTGA

ATTTAAGGGACGCTGTGAAGCAATC -35 -30
met asp ala met lys arg gly leu
ATG GAT GCA ATG AAG AGA GGG CTC

-20

cys cys val leu leu leu cys gly ala val phe val ser pro ser
TGC TGT GTG CTG CTG CTG TGT GGA GCA GTC TTC GTT TCG CCC AGC

gln glu ile his ala arg phe arg arg gly ala arg SER TYR GLN
CAG GAA ATC CAT GCC CGA TTC AGA AGA GGA GCC AGA TCT TAC CAA

10
VAL ILE CYS ARG ASP GLU LYS THR GLN MET ILE TYR GLN GLN HIS
GTG ATC TGC AGA GAT GAA AAA ACG CAG ATG ATA TAC CAG CAA CAT

20 30
GLN SER TRP LEU ARG PRO VAL LEU ARG SER ASN ARG VAL GLU TYR
CAG TCA TGG CTG CCG CCT GTG CTC AGA AGC AAC CCG GTG GAA TAT

40
CYS TRP CYS ASN SER GLY ARG ALA GLN CYS HIS SER VAL PRO VAL
TGC TGG TGC AAC AGT GGC AGG GCA CAG TGC CAC TCA GTG CCT GTC

50 60
 LYS SER CYS SER GLU PRO ARG CYS PHE ASN GLY GLY THR CYS GLN
 AAA AGT TGC AGC GAG CCA AGG TGT TTC AAC GGG GGC ACC TGC CAG

70
GLN ALA LEU TYR PHE SER ASP PHE VAL CYS GLN CYS PRO GLU GLY
CAG GCC CTG TAC TTC TCA GAT TTC GTG TGC CAG TGC CCC GAA GGA

80 90
PHE ALA GLY LYS CYS CYS GLU ILE ASP THR ARG ALA THR CYS TYR
TTT GCT GGG AAG TGC TGT GAA ATA GAT ACC AGG GCC ACG TGC TAC

100
GLU ASP GLN GLY ILE SER TYR ARG GLY THR TRP SER THR ALA GLU
GAG GAC CAG GGC ATC AGC TAC AGG GGC ACG TGG AGC ACA GCG GAG

110 120
SER GLY ALA GLU CYS THR ASN TRP ASN SER SER ALA LEU ALA GLN
AGT GGC GCC GAG TGC ACC AAC TGG AAC AGC AGC GCG TTG GCC CAG

130
 LYS PRO TYR SER GLY ARG ARG PRO ASP ALA ILE ARG LEU GLY LEU
 AAG CCC TAC AGC GGG CGG AGG CCA GAC GCC ATC AGG CTG GGC CTG

140 150
GLY ASN HIS ASN TYR CYS ARG ASN PRO ASP ARG ASP SER LYS PRO
GGG AAC CAC AAC TAC TGC AGA AAC CCA GAT CGA GAC TCA AAG CCC

160
TRP CYS TYR VAL PHE LYS ALA GLY LYS TYR SER SER GLU PHE CYS
TGG TGC TAC GTC TTT AAG GCG GGG AAG TAC AGC TCA GAG TTC TGC

170 180
SER THR PRO ALA CYS SER GLU GLY ASN SER ASP CYS TYR PHE GLY
AGC ACC CCT GCC TGC TCT GAG GGA AAC AGT GAC TGC TAC TTT GGG

Fig. 1A.

2 / 4

APPROVED BY DRAFTSMAN	O.G. FIG.	CLASS SUBCLASS

190
 ASN GLY SER ALA TYR ARG GLY THR HIS SER LEU THR GLU SER GLY
 AAT GGG TCA GCC TAC CGT GGC ACG CAC AGC CTC ACC GAG TCG GGT
 200
 ALA SER CYS LEU PRO TRP ASN SER MET ILE LEU ILE GLY LYS VAL
 GCC TCC TGC CTC CCG TGG AAT TCC ATG ATC CTG ATA GGC AAG GTT
 210
 TYR THR ALA GLN ASN PRO SER ALA GLN ALA LEU GLY LEU GLY LYS
 TAC ACA GCA CAG AAC CCC AGT GCC CAG GCA CTG GGC CTG GGC AAA
 220
 HIS ASN TYR CYS ARG ASN PRO ASP GLY ASP ALA LYS PRO TRP CYS
 CAT AAT TAC TGC CGG AAT CCT GAT GGG GAT GCC AAG CCC TGG TGC
 230
 HIS VAL LEU LYS ASN ARG ARG LEU THR TRP GLU TYR CYS ASP VAL
 CAC GTG CTG AAG AAC CGC AGG CTG ACG TGG GAG TAC TGT GAT GTG
 240
 PRO SER CYS SER THR CYS GLY LEU ARG GLN TYR SER GLN PRO GLN
 CCC TCC TGC TCC ACC TGC GGC CTG AGA CAG TAC AGC CAG CCT CAG
 250
 PHE ARG ILE LYS GLY GLY LEU PHE ALA ASP ILE ALA SER HIS PRO
 TTT CGC ATC AAA GGA GGG CTC TTC GCC GAC ATC GCC TCC CAC CCC
 260
 TRP GLN ALA ALA ILE PHE ALA LYS HIS ARG ARG SER PRO GLY GLU
 TGG CAG GCT GCC ATC TTT GCC AAG CAC AGG AGG TCG CCC GGA GAG
 270
 ARG PHE LEU CYS GLY GLY ILE LEU ILE SER SER CYS TRP ILE LEU
 CGG TTC CTG TGC GGG GGC ATA CTC ATC AGC TCC TGC TGG ATT CTC
 280
 SER ALA ALA HIS CYS PHE GLN GLU ARG PHE PRO PRO HIS HIS LEU
 TCT GCC GCC CAC TGC TTC CAG GAG AGG TTT CCG CCC CAC CAC CTG
 290
 THR VAL ILE LEU GLY ARG THR TYR ARG VAL VAL PRO GLY GLU GLU
 ACG GTG ATC TTG GGC AGA ACA TAC CGG GTG GTC CCT GGC GAG GAG
 300
 GLU GLN LYS PHE GLU VAL GLU LYS TYR ILE VAL HIS LYS GLU PHE
 GAG CAG AAA TTT GAA GTC GAA AAA TAC ATT GTC CAT AAG GAA TTC
 310
 ASP ASP ASP THR TYR ASP ASN ASP ILE ALA LEU LEU GLN LEU LYS
 GAT GAT GAC ACT TAC GAC AAT GAC ATT GCG CTG CTG CAG CTG AAA
 320
 SER ASP SER SER ARG CYS ALA GLN GLU SER SER VAL VAL ARG THR
 TCG GAT TCG TCC CGC TGT GCC CAG GAG AGC AGC GTG GTC CGC ACT
 330
 VAL CYS LEU PRO PRO ALA ASP LEU GLN LEU PRO ASP TRP THR GLU
 GTG TGC CTT CCC CCG GCG GAC CTG CAG CTG CCG GAC TGG ACG GAG
 340
 CYS GLU LEU SER GLY TYR GLY LYS HIS GLU ALA LEU SER PRO PHE
 TGT GAG CTC TCC GGC TAC GGC AAG CAT GAG GCC TTG TCT CCT TTC
 350
 360
 370
 380
 390
 400
 410
 420

Fig. 1B.

3 / 4

APPROVED BY DRAFTSMAN	O.G. FIG.	CLASS/SUBCLASS

430
 TYR SER GLU ARG LEU LYS GLU ALA HIS VAL ARG LEU TYR PRO SER
 TAT TCG GAG CCG CTG AAG GAG GCT CAT GTC AGA CTG TAC CCA TCC
 440
 SER ARG CYS THR SER GLN HIS LEU LEU ASN ARG THR VAL THR ASP
 AGC CGC TGC ACA TCA CAA CAT TTA CTT AAC AGA ACA GTC ACC GAC
 450
 ASN MET LEU CYS ALA GLY ASP THR ARG SER GLY GLY PRO GLN ALA
 AAC ATG CTG TGT GCT GGA GAC ACT CGG AGC GGC GGG CCC CAG GCA
 460
 ASN LEU HIS ASP ALA CYS GLN GLY ASP SER GLY GLY PRO LEU VAL
 AAC TTG CAC GAC GCC TGC CAG GGC GAT TCG GGA GGC CCC CTG GTG
 470
 CYS LEU ASN ASP GLY ARG MET THR LEU VAL GLY ILE ILE SER TRP
 TGT CTG AAC GAT GGC CGC ATG ACT TTG GTG GGC ATC ATC AGC TGG
 480
 GLY LEU GLY CYS GLY GLN LYS ASP VAL PRO GLY VAL TYR THR LYS
 GGC CTG GGC TGT GGA CAG AAG GAT GTC CCG GGT GTG TAC ACC AAG
 490
 VAL THR ASN TYR LEU ASP TRP ILE ARG ASP ASN MET ARG PRO OP
 GTT ACC AAC TAC CTA GAC TGG ATT CGT GAC AAC ATG CGA CCG TGA
 500
 CCAGGAACACCCGACTCCTCAAAGCAAATGAGATCCCGCCTCTTCTTCTTCTCAGAAGACA
 CTGCAAAGGGCGCAGTGCTTCTCTACAGACTTCTCCAGACCCACCACACCGCAGAAGCGGG
 ACGAGACCCTACAGGAGAGGGGAAGAGTGCAATTTTCCAGATACTTCCATTCTTGAAGT
 TTTCAGGACTTGGTCTGATTTTCAAGATACTCTGTCTGATGGGAAGACATGAATGCACACT
 AGCCTCTCCAGGAATGCCTCCTCCTCGGGCAGAAAGTGGCCATGCCACCTGTCTTTCAGCTA
 AAGCCCAACCTCCTGACCTGTCAACCGTGAGCAGCTTTGGAACAGGACCACAAAAATGAA
 AGCATGTCTCAATAGTAAAAGATAACAAGATCTTTCAGGAAAGACGGATTGCATTAGAA
 ATAGACAGTATATTTATAGTCACAAGAGCCCAGCAGGGCCTCAAAGTTGGGGCAGGCTGGC
 TGGCCCGTCATGTTCTCAAAGCACCCCTTGACGTCAAGTCTCCTTCCCCTTTCCCCACT
 CCCTGGCTCTCAGAAGGTATTCTTTTGTGTACAGTGTGTAAAGTGTAATCCTTTTCT
 TTATAAACTTTAGAGTAGCATGAGAGAATTGTATCATTTGAACAACTAGGCTTCAGCATA
 TTTATAGCAATCCATGTTAGTTTTTACTTTCTGTTGCCACAACCTGTTTTTACTGTGTA
 CTTAATAAATTCAGATATATTTTTCACAGTTTTTCCAAAAAAAAAAAAA

Fig. 1C.

APPROVED	O.G. FIG.
BY	CLASS/SUBCLASS
DRAFTSMAN	

4 / 4

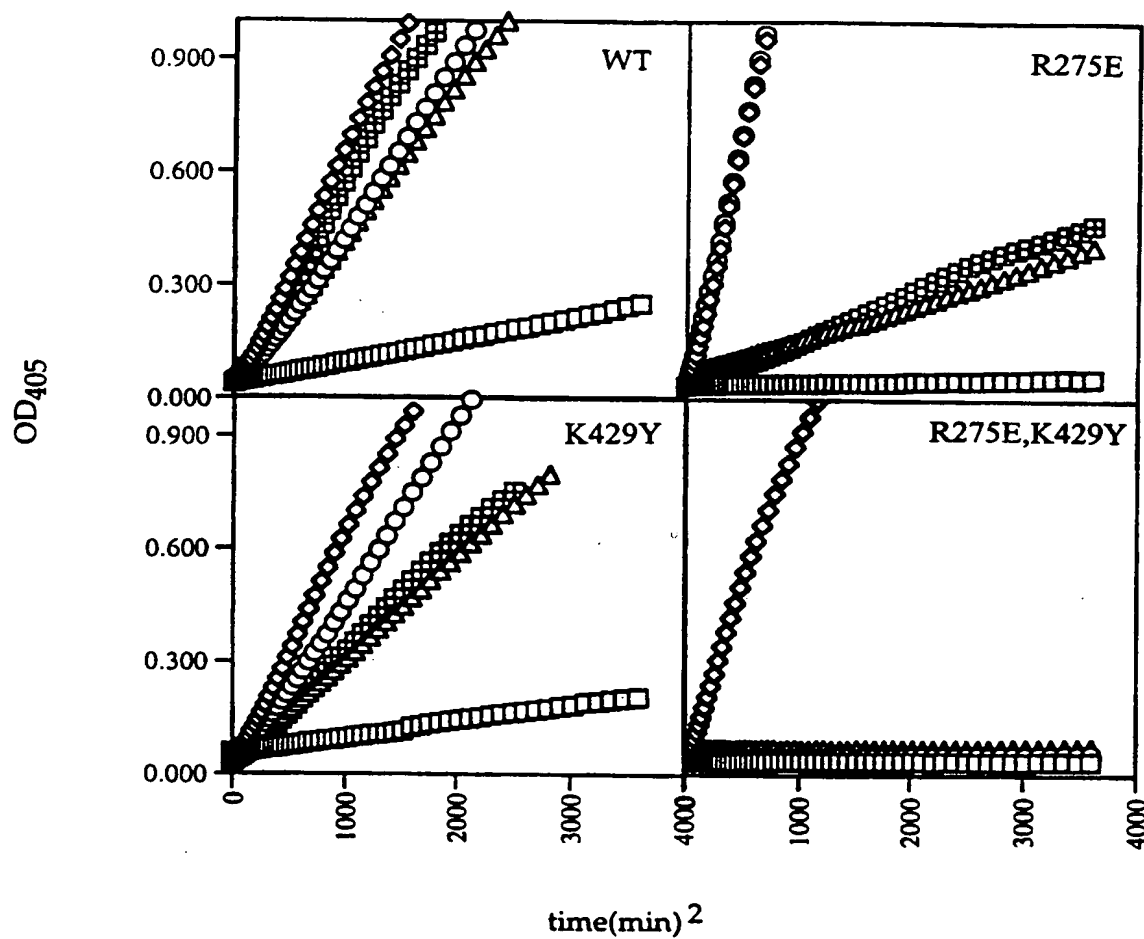


Fig. 2